

 **TEREX | CEDARAPIDS**

Jaw Crushers | The Edge In Crushing Power



JAW CRUSHERS
PORTABLE AND STATIONARY



OUTPERFORM THE COMPETITION

TEREX CEDARAPIDS' JAW CRUSHERS DELIVER GREATER VERSATILITY AND PRODUCTIVITY

As the demands of business get tougher, and the landscape more competitive, productivity becomes more and more important. And, the Cedarapids line of jaw crushers has a proven track record for unmatched performance and productivity. Inside and out, the advanced engineering of our jaws sets industry standards with features like the pitman drop-forged 4340 chrome-moly-nickel steel shaft and spherical self-aligning roller bearings. Each machine offers you an array of competitive advantages—from improved product quality to higher throughput capacities to the lowest operational costs.

THE DIFFERENCE IS IN THE DETAILS

BUILT FOR ENDURANCE

- Thick steel plate crusher bases eliminate the possibility of flaws often found in cast steel bases
- Submerged-arc welding creates a more solid joint than standard weldments
- Thermal stress relief and shot-blasting produces a solid one-piece unit

MORE EFFICIENT OPERATION

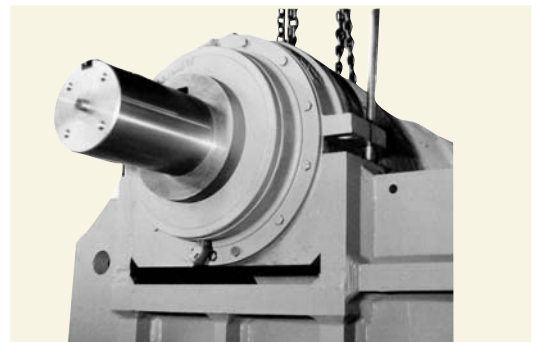
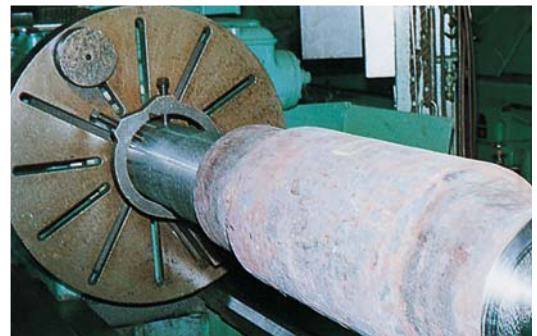
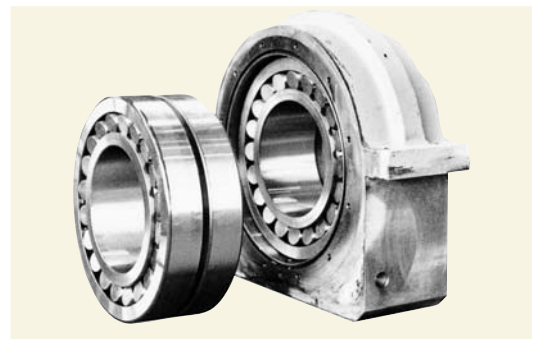
- Spherical, self-aligning roller bearings provide the smoothest low-friction operation possible
- Roller bearings require less power, less maintenance and last longer than plain bearings
- Roller bearings absorb side thrust and heavy radial loads without damage to themselves or the shaft, assuring pitman guidance without thrust shoes or other wear parts

LASTING STRENGTH

- Cedarapids pitman shafts made of drop forged 4340 chrome-moly-nickel steel withstand extreme temperatures
- Shaft forgings are heat treated to add tensile strength while finish is machined to resist fatigue
- Largest possible diameters are created through a step-cut machining and grinding method for maximum strength

OPERATING TIME, NOT DOWNTIME

- Side bearings are mounted in removable housings for easier maintenance possible in a clean environment to protect bearings from contamination
- Housing location insures rigid support to the bearings and pitman assembly, while eliminating cantilevered load stresses to the base frame



PRODUCE HIGHER YIELDS/GREATER PROFITS

HEAVY DUTY ADVANTAGES

Capacity, quality, yield and efficiency—the Cedarapids line of jaw crushers has the advanced technology to outperform the competition in every area. That means lower cost per ton, less downtime and greater profits. Our highly versatile jaw crushers offer reliable operation and adaptability for all types of feed materials.

INNER STRENGTHS

Arc-welded base frame is thermally treated to resist fatigue

Ribbed construction withstands hard and abrasive material

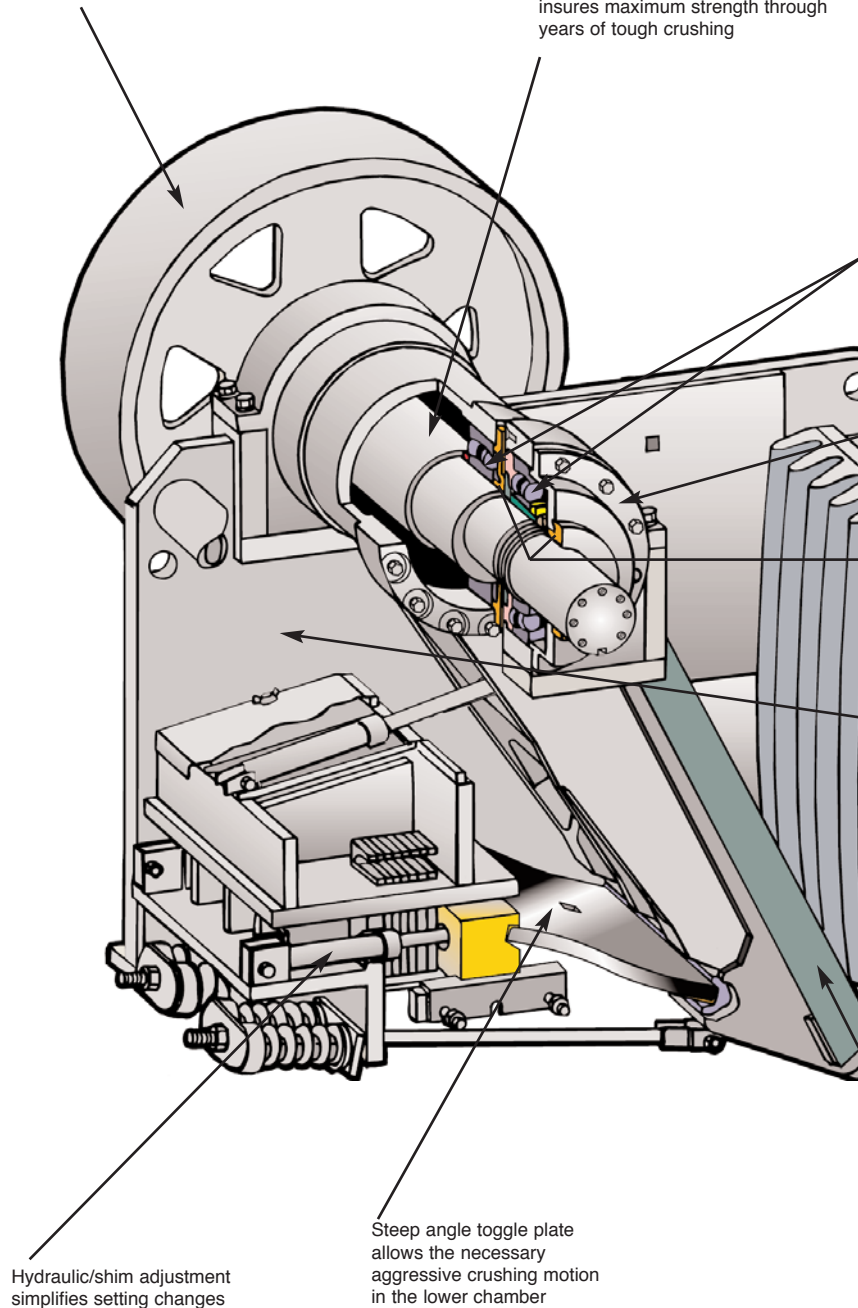
Oversized self-aligning roller bearings are readily available

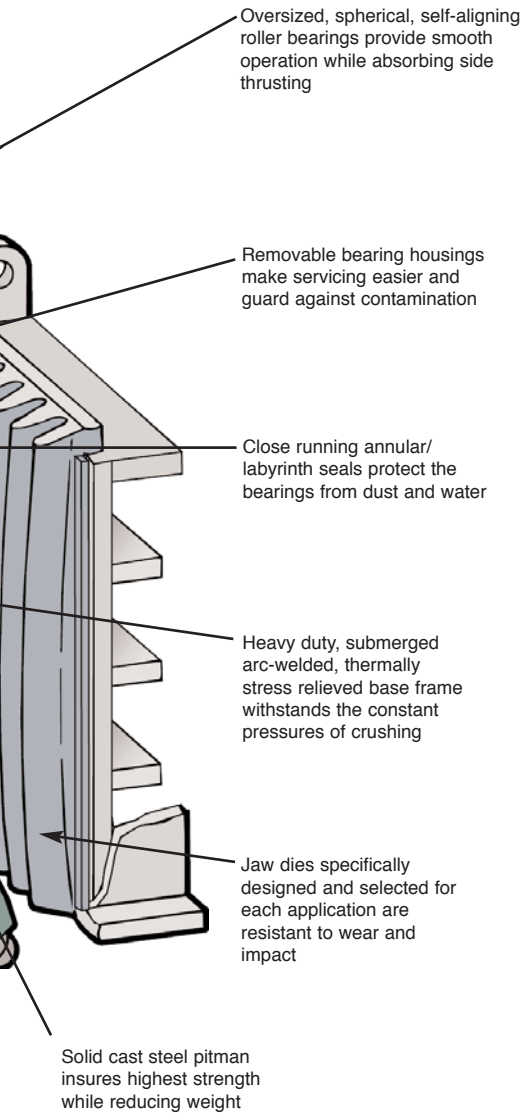
Large flywheel maintains inertia to crush the hardest of materials

Easily accepts hard rock, gravel and recycle materials

Large diameter, heavy flywheels provide the necessary inertia for crushing while minimizing vibration

Large diameter, drop-forged, 4340 chrome-nickel steel pitman shaft insures maximum strength through years of tough crushing





JAW CRUSHING POWER BUILT FOR EFFICIENCY

Whether your application requires a stationary plant or mobile unit, Terex Cedarapids has the system that's right for you. Our jaws are designed to integrate into whatever configuration you need to accommodate your precise crushing requirements. We're committed to helping you design a system built for maximum efficiency and productivity.





TEREX WORLD JAW CRUSHERS

HEAVY DUTY DESIGN DELIVERS HEAVY DUTY PRODUCTION

It all comes down to delivering the most tons of material, the most cost effectively. Built to deliver a low cost per ton, the Cedarapids Single Toggle World Jaw Crusher is designed for exceptionally heavy and continuous applications. Utilizing the latest technology, this crusher delivers high production, infinite setting adjustment, large feed opening, bolted mainframe and cast swing jaw holder.

Optional positioning of the crusher feet is designed to suit installation requirements for track, mobile and fixed plant mounting. This crusher is engineered to handle hard rock, ores and demolition concrete for the quarrying, mining and recycling industries.

WORLD JAW CRUSHER FEATURES PROVIDE MORE CRUSHING BENEFITS

- Designed for heavy-duty applications, the large diameter forged steel main shaft has no threads or tapered bearing journals, giving you higher strength and greater fatigue resistance
- Corrugated manganese jaws are reversible top to bottom for extended jaw life
- Unique rocking end design of toggle means no lubrication is required for toggle or seats



ROCK

SOLID DESIGN

ENGINEERED TO OUTPERFORM THE COMPETITION

MAIN FRAME – fully bolted and dowelled four-piece heavy-duty construction. Front and rear frames are cast high strength steel with the side plates produced from high strength structural plates.

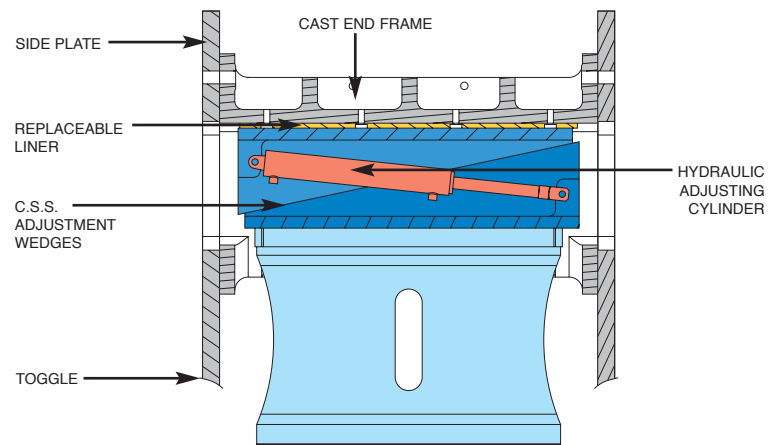
FLEXIBLE INSTALLATION – mounting feet options allow for fitting in various positions for track, mobile or fixed plant installation.

JAW RETENTION – fixed and moving jaws are retained with a wedge locking system. The main frame and swing jaw holder are protected from wear due to the unique design of the jaw faces that protect the inlet and outlet points of the crushing chamber.

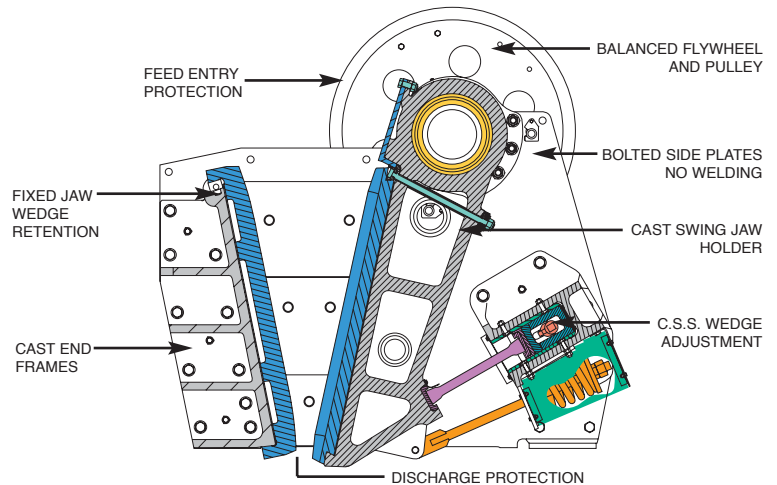
Wedges actuate from the side of the crusher for easy installation and maintenance. The rear frame and swing jaw holder are fitted with replaceable jaw face backing plates to protect the machined jaw face locations.

HYDRAULIC ADJUSTED WEDGE – allows for infinitely variable closed side setting adjustment. No shims required hydraulic power pack mounted to crusher without external hydraulic cylinders. Option to fit remote hydraulic actuated CSS control system.

Cross Section Through Toggle Arrangement



Jaw Crusher



In today's competitive environment, it's good to have high quality equipment. It's even better to know that your equipment is backed by an outstanding support network. That's what we mean by "Better Together" at Cedarapids. The partnership between you and your local distributor assures you of on-the-spot parts and service, technical expertise and local application knowledge. With that kind of support, both you and your equipment will perform at peak levels. Cedarapids and you. "Better Together."



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 **TEREX | CEDARAPIDS**

YOUR COMPETITIVE EDGE

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